MMC: 110 KEYSET ON/OFF

DESCRIPTION:

Allows the system administrator to set any of the keyset features listed below.

0.	AME BGM	This feature selects whether a station using Answer Machine Emulation will hear their personal greeting or BGM while callers are listening to the personal greeting. A BGM source must be selected for this to work with CADENCE or the SVMi-4 card.
1.	AME PSWD	If this option is set to YES, station users who have AME set must enter their station password to listen to messages being left.
2.	AUTO HOLD	Automatically places an existing C.O. call on hold if a CALL button, trunk key or trunk route key is pressed during that call.
3.	AUTO TIMER	Automatically starts the stopwatch timer during a C.O. call.
4.	HEADSET USE	When on, this feature disables the hook switch allowing a headset user to answer all calls by pressing the ANS/RLS button.
5.	HOT KEYPAD	When on, this feature allows the user to dial directory numbers without having to first lift the handset or press the SPK button.
6.	KEY TONE	Allows the user to hear a slight tone when pressing buttons on their set.
7.	PAGE REJOIN	Allows the user to hear the latter part of page announcements if his keyset becomes free during a page.
8.	RING PREF.	When off, requires the user to press the fast flashing button to answer a ringing call after lifting the handset.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right

MMC: 110

SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 110 Display shows	`[201] STN ON/OFF` `AUTO HOLD :OFF`
2. Dial keyset number (e.g., 205) OR Press UP or DOWN to select keyset and press RIGHT soft key to move cursor	`[205] STN ON/OFF` `AUTO HOLD :OFF`
OR Press ANS/RLS for All	`[ALL] STN ON/OFF` `AUTO HOLD :?`

3. Dial option number from above list (0–5, e.g., 3)
OR
Press UP or DOWN to select option and press RIGHT soft key to move cursor
	`[205] STN ON/OFF`
	`AUTO HOLD :OFF`
	`[205] STN ON/OFF`
	`HOT KEYPAD : ON`

4. Press UP or DOWN to select ON or OFF and press left or RIGHT soft key to return to step 3 above OR Dial 1 for ON or 0 for OFF	`[205] STN ON/OFF` `HOT KEYPAD :OFF`
5. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	
Dial option number 0 from above list at step 3	`[205] STN ON/OFF` `AUTO HOLD :OFF`
Dial option number 1 from above list at step 3	`[201] STN ON/OFF` `AUTO TIMER :ON`
Dial option number 2 from above list at step 3	`[205] STN ON/OFF` `HEADSET :OFF`
Dial option number 3 from above list at step 3	`[205] STN ON/OFF` `HOT KEYPAD: ON`

MMC: 110

Dial option number 4 from above list at step 3

```
[205] STN ON/OFF
KEY TONE    :ON
```

Dial option number 5 from above list at step 3

```
[205] STN ON/OFF
PAGE REJOIN:ON
```

Dial option number 6 from above list at step 3

```
[205] STN ON/OFF
RING PREF.  :ON
```

DEFAULT DATA:
AME BGM OFF
AUTO HOLD OFF
AUTO TIMER ON
HEADSET OFF
HOT KEYPAD ON
KEY TONE ON
PAGE REJOIN ON
RING PREFERENCE ON

RELATED ITEMS:
MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS
CADENCE AME FEATURE

MMC: 207 ASSIGN VM/AA PORT

DESCRIPTION:

Allows technician to change a “NORMAL” SLI ports to a VMAA port. VMAA ports will receive inband signalling digits designated in MMC 726 (VM/AA Options) and will also receive a true disconnect signal upon completion of a call. Only SLI boards, not KDb-SLI, support disconnect signal. Do not set VMAA ports as “data ring” (MMC 208). This will delete inband signalling for voice mail integration. VMAA ports have the equivalent of data secure written in the program and are always protected against tones.

NOTE: This MMC is not used to assign CADENCE or SVMi-4 voice mail card ports. Voice mail card ports are assigned as voice mail ports automatically when the DCS detects a CADENCE or SVMi-4 card.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 207 Display shows	`[209] VMAA PORT` `NORMAL PORT`
2. Dial station number (e.g., 205) OR Press UP or DOWN to select station and press RIGHT soft key to move cursor	`[205] VMAA PORT` `NORMAL PORT`
3. Dial 1 or 0 to select port type (1 = VMAA and 0 = NORMAL) OR Press UP or DOWN to select option Press RIGHT soft key	`[209] VMAA PORT` `VMAA PORT`

MMC: 207

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: NORMAL PORT

RELATED ITEMS: MMC 726 VM/AA OPTIONS
CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 308 ASSIGN BACKGROUND MUSIC SOURCE

DESCRIPTION:

Assigns a background music source to the DCS 50si keysets. There are a total of 5 possible music selections (see below). One music connection is provided on the KSU motherboard. This source can be switched between internal music source (chimes) or an external source. A second external source is provided with the addition of a SMISC card.

You may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the SMISC2 card. If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have a CADENCE or SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

OPTIONS

1. **NONE:** No Background Music.
2. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (3701).
3. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (3701) or a SMISC card (3702).
4. **DIGITAL ANNOUNCEMENT ON SMISC2 CARD:** This is entered as the directory number of the last AA port of an SMISC2 card (3954).
5. **VOICE MAIL SOUND FILE:** If the 50si system has an optional CADENCE or SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for BGM sources. Select the voice mail port assigned in MMC748. For information on creating the sound files see CADENCE/SVMi-4 System Administrator Manual-Recording greetings by number. If you select this option be advised that VMMOH source requires one dedicated voice mail port/channel.

MMC: 308

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 308 Display shows current setting	`[201 ] BGM SOURCE` `BGM SOURCE:NONE`
2. Dial keyset number (e.g., 205) OR Use UP or DOWN to scroll through keyset numbers; press RIGHT soft key to move cursor	`[205 ] BGM SOURCE` `BGM SOURCE:NONE`
OR Press ANS/RLS to select all stations	`[ALL] BGM SOURCE` `BGM SOURCE:?`
3. Enter source number (e.g., 3701) OR Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2	`[205 ] BGM SOURCE` `BGM SOURCE:3701`
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 309 ASSIGN STATION MUSIC ON HOLD**
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
AUTO ATTENDANT PROGRAMMING
MMC 748 ASSIGN VMMOH

MMC: 309 ASSIGN STATION MUSIC ON HOLD

DESCRIPTION:

This MMC is used to select what MOH source you will hear when another internal station puts you on hold. There are a total of 5 possible music selections (see below). One music connection is provided on the KSU motherboard. This source can be switched between internal music source (chimes) or an external source. A second external source is provided with the addition of a SMISC card.

In addition to "TONE" or a music source, you may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the card. If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have a CADENCE or SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

OPTIONS

1. **NONE:** No Music on Hold.
2. **TONE:** A repeated tone is played to the holding party.
3. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (3701).
4. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (3701) or a SMISC card (3702).
5. **DIGITAL ANNOUNCEMENT ON SMISC2 CARD:** This is entered as the directory number of the last AA port of an SMISC2 card.
6. **VOICE MAIL SOUND FILE:** If the 50si system has an optional CADENCE or SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for MOH sources. Select the voice mail port assigned in MMC 748. For information on creating the sound files see CADENCE / SVMi-4 System Administrator Manual-Recording greeting by number. If you select this option be advised that each VMMOH source requires one dedicated voice mail port/channel.

MMC: 309

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 309 Display shows current setting	`[201 ] MOH SOURCE` `MOH SOURCE:NONE`

2. Dial keyset number (e.g., 205)
OR
Use UP or DOWN to scroll through keysets
Press RIGHT soft key to move the cursor
OR
Press ANS/RLS to select all stations
	`[205 ] MOH SOURCE`
	`MOH SOURCE:NONE`
	
	`[ALL] MOH SOURCE`
	`MOH SOURCE:?`

3. Enter source number (e.g., 3701) OR Press UP or DOWN key to make selection Press RIGHT soft key to return to step 2	`[205 ] MOH SOURCE` `MOH SOURCE:3701`
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 308 ASSIGN BACKGROUND MUSIC SOURCE**
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
MMC 748 ASSIGN VMMOH

MMC: 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE

DESCRIPTION:

Allows the System Administrator to select what a trunk caller will hear when that trunk is placed on hold. There are a total of 5 possible music selections (see below).

In addition to "TONE" or a music source, you may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last AA port on the SMISC2 card (3954). If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have a CADENCE or SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

OPTIONS

1. **NONE:** No Music on Hold.
2. **TONE:** A repeated tone is played to the outside party.
3. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (3701).
4. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (3701) or a SMISC card (3702).
5. **DIGITAL ANNOUNCEMENT ON AA CARD:** This is entered as the directory number of the last AA port of an SMISC2 card. For further details on using an AA port as an MOH source please see MMC 736.
6. **VOICE MAIL SOUND FILE:** If the 50si system has an optional CADENCE or SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for MOH sources. Select the voice mail port assigned in MMC 748. For information on creating the sound files see CADENCE / SVMi-4 System Administrator Manual-Recording greeting by number. If you select this option be advised that each VMMOH source requires a dedicated voice mail port/channel.

MMC: 408

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 408 Display shows current setting	`[701 ] TRK MOH` `MOH SOURCE:TONE`

2. Dial trunk number (e.g., 704)
OR
Use UP or DOWN to scroll through trunks
Press RIGHT soft key to move cursor
OR
Press ANS/RLS to select ALL
	`[704 ] TRK MOH`
	`MOH SOURCE:TONE`
	
	`[ALL] TRK MOH`
	`MOH SOURCE:?`

3. Enter source number (e.g., 3701) OR Press UP or DOWN key to select option Press RIGHT soft key to return to step 2 above	`[705 ] TRK MOH` `MOH SOURCE:3701`
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: TONE

RELATED ITEMS: MMC 308 ASSIGN BACKGROUND MUSIC SOURCE
MMC 748 ASSIGN VMMOH

MMC: 501 SYSTEM TIMERS

DESCRIPTION:

Allows the technician to adjust individual timers as necessary.

NOTE: Certain timers are disabled when the value is “000”.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY
1. Press TRSF 501 Display shows first timer value	AA INT DGT TIME 05 SEC →
2. Press UP or DOWN key to select timer and press RIGHT soft key to move cursor	KMMC LOCK OUT TM 30 SEC → _
3. Enter new value using keypad; if valid, system returns to step 2 with new value	KMMC LOCK OUT TM 30 SEC → 255
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: SEE TABLE OF TIMERS AND VALUES

RELATED ITEMS: NONE

MMC: 501

TIMER TABLE

TIMER NAME	DEFAULT	RANGE
AA INT DGT TIME*	05 SEC	1–25 SEC
AA NO ACT TIME*	10 SEC	1–25 SEC
ALERT TONE TIMER	1000 MS	100–2500 MS
ALM REM.INTERVAL	10 SEC	1–255 SEC
ALM REM.RING OFF	26 SEC	1–25 SEC
ATT.RECALL TIME	30 SEC	1–255 SEC
AUTO REDIAL INT.	30 SEC	1–255 SEC
AUTO REDIAL RLS.	45 SEC	1–255 SEC
CADENCE CARD TONE INT TIME	000 SEC	001–255 SEC
CALLBACK NO ANS	30 SEC	1–255 SEC
CAMP ON RECALL	30 SEC	1–255 SEC
CID DISPLAY TIME*	05 SEC	1–25 SEC
CID MSG RECEIVE*	08 SEC	1–25 SEC
CO–CO DISCONNECT	20 MIN	0–255 MIN
CONFIRM TONE TM	1000 MS	100–2500 MS
CRD TONE INT TM	30 SEC	001–255 SEC
DIAL PASS TIME	05 SEC	1–25 SEC
DISA DISCONNECT	30 MIN	1–255 MIN
DISA DTMF DETECT	000 SEC	0-255 SEC
DISA LOCK OUT/TM	30 MIN	1–255 MIN
DISA PASS CHECK	30 MIN	1–255 MIN
DISPLAY DELAY TM	03 SEC	1–255 SEC
DOOR LOCK RELES.	500 MS	100–2500 MS
DOOR RING DETECT	50 MS	10–250 MS
DOOR RING OFF TM	30 SEC	1–255 SEC
E-HOLD RECALL TM	45 SEC	0–255 SEC
EXT.FWD DELAY TM	10 SEC	1–255 SEC
FIRST DIGIT TIME	10 SEC	1–255 SEC
HOK FLASH MAX TM	800 MS	0010–2500MS
HOK FLASH MIN TM	350 MS	0010–2500MS
HOOK OFF TIME	200 MS	10–250 MS
HOOK ON TIME	1000 MS	100–2500 MS
INQUIRY RELEASE	30 SEC	1–255 SEC
INTER DIGIT TIME	10 SEC	10–255 SEC
KMMC LOCK OUT TM	30 SEC	100–255 SEC
LCR ADVANCE TIME	05 SEC	1–255 SEC
LCR INTER DIGIT	05 SEC	1–255 SEC
OFF HOK RING INT	15 SEC	1–255 SEC
OFF HOOK SELECT	05 SEC	0–255 SEC
OHVA ANSWER TIME	10 SEC	1–255 SEC
OVERLAP INT DGT	7 SEC	1–15 SEC
PAGE TIME OUT	20 SEC	1–255 SEC
PAGE TONE TIME	500 SEC	100–2500
PARK RCALL TIME	45 SEC	0–255 SEC
PC-MMC LOCK OUT	5 MIN	5–60 MIN

MMC: 501

TIMER NAME	DEFAULT	RANGE
POWER DOWN TIME	2000 MS	1000–9000 MS
RECALL DISCONECT	45 MIN	1–255 SEC
RECALL WAIT TIME	15 SEC	1–255 SEC
SMDR START/DP	30 SEC	1–255 SEC
SMDR START/DTMF	15 SEC	1–255 SEC
SYS HOLD RECALL	45 SEC	0–255 SEC
TRANSFER RECALL	15 SEC	0–255 SEC
UCDS AUDIO ALARM*	0 SEC	0–255 SEC
UCDS VISUAL ALAM*	0 SEC	0–255 SEC

NOTE: Timers marked with an asterisk require optional hardware and/or software.

TIMER DESCRIPTIONS

AA INT DGT TIME When the AA card is installed, this timer determines the interdigit time for AA call processing. If this timer expires before valid digits are received by the AA card, the call will be routed to the AA invalid digits destination.

AA NO ACT TIME When the AA card is installed, this timer determines the time that the AA card will wait for a first digit for AA call processing. If this timer expires before a digit is received, the call will be routed to the AA no action destination.

ALERT TONE TIMER This timer sets the duration of the attention tone preceding a call to a keyset in the Voice Announce or Auto Answer mode. This tone will also precede a forced Auto Answer call.

ALM REM INTERVAL This timer controls the time length between ring attempts at a station when alarm reminder is set.

ALM REM RING OFF This timer controls the length of the ring cycle duration when alarm reminder is set at a station.

ATT RECALL TIME This is the length of time a transfer recall will ring at a station before recalling the operator.

AUTO REDIAL INT This timer controls the time between attempts after RETRY dialing is set on a station.

AUTO REDIAL RLS This timer controls the duration of a Ring No Answer condition on a retry number dialed before the auto redial is automatically canceled.

MMC: 501

CALLBACK NO ANS This timer controls the time before the callback is automatically canceled when a callback detects Ring No Answer.

CADENCE CARD TONE INT TIME This is the call record tone interval time. An entry other than zero will cause a tone to be heard by all the parties in a recorded conversation. The range for the tone is 001 (every second) to 255 (every 255 seconds). A value of 000 means no tone.

CAMP ON RECALL This timer controls the duration of time a camped-on call will stay at a destination before recalling to the transferring station.

CID DISPLAY TIME The amount of time that the Caller ID information remains on the keyset's display.

CID MSG RECEIVE The amount of time that the system will allow a valid message from the C.O.

C.O.-C.O. DISCONNECT This timer monitors the duration of a unsupervised conference; when it expires, both trunks are disconnected.

CONFIRM TONE TIME The tone heard when a feature is activated or deactivated.

CRD TONE INT TM This is the call record tone interval time. An entry other than zero will cause a tone to be heard by all the parties in a recorded conversation. The range for the tone is 001 (every second) to 255 (every 255 seconds). A value of 000 means no tone. Requires CADENCE CVM8A card.

DIAL PASS TIME This timer monitors the duration of the time before connecting the transmit of an analog station port to the trunk side of an outgoing call.

DISA DTMF DETECT This timer sets the time duration that DTMF can be received on a DISA line.

DISA DISCONNECT This timer controls the maximum duration of a DISA call.

DISA LOCK OUT TIMER This timer controls the duration of time a DISA call is not allowed to be made after the DISA error counter has expired (MMC 500).

DISA PASS CHECK This timer defines the time period before the system clears the incorrect passcode counter.

MMC: 501

DISPLAY DELAY TIMER This timer controls the duration a display is shown in the LCD display. This timer also controls the duration of time that error tone is heard.

DOOR LOCK RELEASE This timer controls the duration of time the door lock relay will be activated.

DOOR RING DETECT This timer controls the duration of time before a call is answered by the door phone.

DOOR RING OFF TM This timer controls the duration of ringing at the door ring destination before automatically canceling.

E-HOLD RECALL TM This timer controls the duration of time a call is held exclusively at a station before recalling.

EXT. FWD DELAY TM This timer controls the External Call Forward feature which will allow a station to ring before the call is placed on external call forwarding.

FIRST DIGIT TIME This timer controls how long the system will wait for dialing to begin before dropping the dial tone and returning the user to error tone.

HOK FLASH MAX TM This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (LONGEST DURATION).

HOK FLASH MIN TM This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (SHORTEST DURATION).

HOOK OFF TIME This timer controls the time before dial tone is sent to a single line station.

HOOK ON TIME This timer sets the minimum amount of time that the system will recognize as an SLT hang up.

INQUIRY RELEASE This timer monitors the duration of the interaction of the soft key to determine when to return the LCD back to a normal status. This timer affects only display phones.

INTER DIGIT TIME This timer controls the grace period between dialing valid digits before dropping the call and returning the user back to error tone.

MMC: 501

KMMC DIGIT TIME This timer controls the grace period between programming actions while in a programming session. The timer automatically returns the system to secure programming status.

LCR ADVANCE TIME This timer controls the duration of time before selecting the next allowable route when a station is allowed to route advance.

LCR INTER DIGIT This timer controls the grace period between dialing valid digits before dropping the call and returning the user back to error tone.

OFF HOOK RING This timer controls the duration of time between ring bursts to a user who has a camped-on call.

OFF HOOK SELECT This timer controls the grace period before placing a internal/external call as programmed in MMCs 306 and 307.

OHVA ANSWER TIME This timer controls the time duration of an OHVA call before automatic rejection.

OVERLAP INT DGT This timer controls the amount of time the system will wait for further digits to be dialed before selecting a BRI channel when the BRI's are defined as OVERLAP mode.

PAGE TIME OUT This timer controls the duration of an external page announcement.

PAGE TONE TIME This timer controls the duration of tone burst heard over the page prior to the page announcement.

PARK RECALL TIME This timer controls the duration of time a call is parked before recalling to the call park originator.

PC-MMC LOCK OUT This timer monitors the PCMMC activity, drops the link if no action is created by PCMMC and returns the system back to secure program status.

POWER DOWN TIME This timer monitors the power to the ROM pack to begin shutdown status.

RECALL DISCONNECT This is the time an attendant recall will ring before being disconnected.

RECALL WAIT TIME This is the time any recall (hold or transfer) continues to recall at your station before it recalls to the operator.

MMC: 501

SMDR START/DIAL PULSE (ROTARY) This grace period timer starts SMDR recording for rotary dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

SMDR START/DTMF This grace period timer starts SMDR recording for touchtone dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

SYS HOLD RECALL This timer determines the time calls can be left on hold before recalling back to the holding station. This is a system-wide timer. Setting timer to 000 will defeat this feature and no recalling will take place.

TRANSFER RECALL This timer determines the time transferred calls ring before recalling. This is a system-wide timer.

UCDS AUDIO ALARM When an AA card is installed and the digital UCD package enabled, this counter determines the maximum number of seconds a call has been waiting at the UCD group before the UCD group's SUPV key begins to flash along with an audio alarm. For more UCD alarm conditions, see MMC 500.

UCDS VISUAL ALARM When an AA card is installed and the digital UCD package enabled, this counter determines the maximum number of seconds a call at the UCD group before the UCD group's SUPV key begins to flash as an alarm. For more UCD alarm conditions, see MMC 500.

MMC: 601 ASSIGN STATION GROUP

DESCRIPTION:

This MMC is used to build all station groups except the operator group (for the operator group see MMC 600).

The options for setting up these groups are as follows; A thru G.

A. TYPE: This is the type of group you are creating and can be one of the following:

1. **NORMAL:** Used to assign stations in a ring group. The members can be stations, common bell contacts or Ring over Page relays.

2. **VMAA:** Used to group a number of voice mail port extensions. These must have been defined in MMC 207 as VMAA ports or they cannot be entered here. Check all programming in MMC 726 to ensure that the In band DTMF codes are properly set.

3. **AA:** This is used to group a number of AA ports. An AA card must be installed in the system to do this.

4. **CADENCE:** This is the voice mail group for CADENCE / SVMi-4 (the built in Samsung Voice Mail cards). When a voice mail card is installed, group 529 is created as a voice mail group.

5. **UCD:** Used to build a UCD group. The DCS 50si will support two methods of UCD:

   - **TYPE 1 UCD**
     The group NEXT destination (see below) is defined as an SLT port to which you must connect some type of announcement device to play to callers while they are on hold.

     Please note that this type of UCD group has the following limitations:

     a) The announcement device must be able to terminate the announcement with a hook flash and a transfer back to the UCD group.

     b) Only one caller at a time can hear the announcement.

     c) Each caller connected to the announcement must hear the announcement in its entirety.

d) It is possible that a new caller may "jump ahead" in the queue if a previous caller is currently connected to the announcement device.

- **TYPE 2 UCD**
  The group NEXT destination (see below) is defined as an AA port or group. This will only work if an SMISC 2 card has been installed in the DCS.

  The digital announcer in the SMISC 2 card will supply two recorded announcements to callers in queue. The first announcement is played only once, the second announcement will repeat for as long as the caller is in queue.

  This type of UCD group has the following advantages:

  a) No external device need be installed to provide an announcement.

  b) Multiple callers can hear the announcement(s) simultaneously.

  c) Callers hearing the announcement will be transferred to a free UCD group member (agent) as soon as the agent becomes available.

  d) The callers place in queue is always maintained.

  Additional programming for this type of UCD group is in MMC 607. There is a maximum of 5 UCD groups available due to availability of system resources.

B. RING MODE: Each group can have one of the following ring modes. This will decide how calls are placed to the group.

1. **SEQUENTIAL:** The stations listed as "members" (see below) will be called on a first available basis. Calls will first go to the first member, if the first member is busy, calls will go to the second member, if the first member is busy, calls will go to the second member etc. This type of group is useful for placing the bulk of the incoming calls to a selected individual, with other members only getting the calls when the first member is busy.

2. **DISTRIBUTED:** The first call will go to the first member, the second call will go to the second member, the third call will go to the third member. This type of group is useful for evenly distributing the call among all group members.

3. **UNCONDITIONAL:** Calls are placed to all group members simultaneously. If a group member is busy, the can receive off hook ring if defined in MMC 300. This ring mode option is not available for UCD or VMAA groups.

MMC: 601

C. OVERFLOW: This is a timer value that will cause unanswered calls to a group to begin also ringing the NEXT PORT (see below) after this timer has elapsed. If set to 000, no overflow will take place.

D. GRP TRANSFER: This is a timer that will determine how long C.O. calls transferred to the group will ring there before recalling. If set to 000, no recall will take place.

E. NEXT PORT: This is the station or group number that callers will also ring at if the OVERFLOW feature has been programmed. The NEXT port can be defined as:

1. **COMMON BELL** (DN # 3603 - 3605).

2. **RING OVER PAGE** (DN # 3601 - 3605).

F. MEMBER: List all members that are to be in the group. Up to 32 members are allowed in each group, but stations can be assigned to multiple station groups.

G. WRAP UP: This is only available for UCD groups, and will make a UCD agent unavailable to receive additional UCD calls after hanging up from the last one. This is to allow agents to complete work associated with the previous call before the next call begins ringing.

NOTES: When a group is called, or a caller is transferred to a group, ringback is sent to the caller. A busy signal will not be returned even if all group members are busy. Obviously UCD is an exception to this rule.

Calls to a group do not follow the call forwarding instructions of any stations in the group.

FEATURE KEYS

0	TYPE	Group type (Normal, VM/AA, UCD, AA)
1	RING	Ring mode (Sequential, distributed or unconditional)
2	OVERFLOW	Overflow time (000 - 250 secs.)
3	GRP TRSF	Group transfer time (000 - 250 secs.)
4	WRAP-UP	Wrap-up time (timer only valid in type = UCD)
5	NEXT PORT	Overflow port (Any station, common bell or ring over page)
6	MEMBER	Group members (e.g., station 202, 225, 231)

MMC: 601

RING MODES

0	SEQUENTIAL	The first idle station listed in the group will ring. If the first is busy, the next idle station will ring.
1	DISTRIBUTED	The first call will ring the first station listed in the group. The next call will ring the next station listed in the group.
2	UNCONDITIONAL	All the stations listed in the group will ring. Busy stations will receive off-hook ring. MAXIMUM 32 STATIONS RINGING.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION	DISPLAY
1. Press TRSF 601 Display shows	`[501] STN.GROUP` `TYPE:NORMAL GRP`

2. Dial group number (e.g., 505)
OR
Press UP or DOWN key to select group
Press LEFT soft key to move cursor to type of group and DIAL group type (0–2, e.g., 1)
OR
Press UP or DOWN key to make selection
Press LEFT soft key to move cursor to TYPE
	`[505] STN.GROUP`
	`TYPE:NORMAL GRP`
	
	`[505] STN GROUP`
	`TYPE:VMAA`

3. Dial feature option number (0–6, e.g., 0) OR Press UP or DOWN key to make selection Press RIGHT soft key to move cursor to ring value	`[505] STN GROUP` `RING:SEQENTIAL`

MMC: 601

4. Dial ring option (0–2, e.g., 1)
   OR
   Press UP or DOWN key to make selection
   Press LEFT soft key to move cursor back to RING or press RIGHT soft key to return to step 2

```
[505] STN GROUP
RING:DISTRIBUTE
```

5. Dial next feature option and continue
   OR
   Press UP or DOWN key to select option
   OR
   Press LEFT soft key to return to step 2

```
[505] STN GROUP
RING:DISTRIBUTE
```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: NORMAL GROUP

RELATED ITEMS: MMC 203 ASSIGN UA DEVICE
MMC 204 COMMON BELL CONTROL

MMC: 701 ASSIGN COS CONTENTS

DESCRIPTION:

Similar to MMC 700 but does not allow a copy command. This MMC is primarily used for creating a new class of service. If the unsupervised conference feature is allowed, a programmed CONF key must be available to allow reentry into a conference call.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

TOLL LEVEL OPTIONS

DIAL DIGIT	TOLL LEVEL	DIAL DIGIT	TOLL LEVEL
0	A	4	E
1	B	5	F
2	C	6	G
3	D	7	H

ACTION **DISPLAY**

1. Press TRSF 701
   Display shows

   ```
   COS CONTENTS(01)
   TOLL LEVEL:A
   ```

2. Dial COS (e.g., 06)
   OR
   Press UP or DOWN key to select COS
   Press RIGHT soft key to move cursor to toll level

   ```
   COS CONTENTS(06)
   TOLL LEVEL:A
   ```

3. Dial toll level (e.g., 2—see above list)
   OR
   Press UP or DOWN to select new TOLL level
   OR
   Press RIGHT soft key to advance to COS options

   ```
   COS CONTENTS(06)
   TOLL LEVEL:C
   ```

MMC: 701

4. Dial COS option (e.g., 09—see Caller ID option list or Basic option list)
   OR
   Press UP or DOWN key to select option
   Press RIGHT soft key to move cursor

```
COS CONTENTS(06)
09:DND      :YES
```

5. Dial 0 for NO or 1 for YES
   OR
   Press UP or DOWN key to select option
   Press LEFT soft key to return to step 4
   Press RIGHT soft key to return to step 2

```
COS CONTENTS(06)
09:DND      : NO
```

6. Press F key to enter MMC 700 if copy of COS to another COS is required
   Refer to MMC 700 for copying

```
COPY COS ITMES
COS 01→COS 10
```

7. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

Table A. COS Feature List by Option Number

Basic	CID	LCD Display	COS Option
01	01	AA CALER	Auto answer control by caller*
02	02	ALM CLR	Alarm sensor ring answer
03	03	AUTO RDL	Retry on busy
04	04	CALLBACK	Callback
—	05	CID ABND	Caller ID Abandon*
—	06	CID INQR	Caller ID Inquire*
—	07	CID INVT	Caller ID Investigate*
05	08	CONFER	Conference
06	09	DALM CLR	DISA alarm ring clear
07	10	DAY/NIGH	Change day/night mode
08	11	DIRECT	Directory dial
09	12	DISA	Allow DISA use
10	13	DND	Do Not Disturb
11	14	DOOR	Door ring answer
12	15	DSS	Direct station select
13	16	DTS	Direct trunk select
14	17	EXT FWD	External call forward
15	18	FEATURE	Feature key
16	19	FLASH	Trunk flash
17	20	FOLOW-ME	Call forward-follow me
18	21	FORWARD	Forward
19	22	GRP I/O	Group in/out

MMC: 701

Table A. COS Feature List by Option Number

Basic	CID	LCD Display	COS Option
20	23	HOLD	Hold
21	24	HOT LINE	Hot line
22	25	INTERCOM	Intercom call
23	26	MESSAGE	Message
24	27	MM PAGE	Meet me page
25	28	NEW CALL	New call
26	29	OHVAED	Ohvaed
27	30	OHVAING	Ohvaing
28	31	ONEA2	1A2 emulation
29	32	OPERATOR	Operator
30	33	OUT TRSF	Outgoing transfer
31	34	OVERRIDE	Overide
32	35	PAGE 0	Page zone 0 PAGING
33	36	PAGE 1	Page zone 1 PAGING
34	37	PAGE 2	Page zone 2 PAGING
35	38	PAGE 3	Page zone 3 PAGING
36	39	PAGE 4	Page zone 4 PAGING
37	40	PAGE 5	Page zone 5 PAGING
38	41	PAGE 6	Page zone 6 PAGING
39	42	PAGE 7	Page zone 7 PAGING
40	43	PAGE 8	Page zone 8 PAGING
41	44	PAGE 9	Page zone 9 PAGING
42	45	PAGE ✱	Page zone ✱ PAGING
43	46	PICKUP	Call pickup
44	47	SECURE	Override secure
45	48	SSPD TOL	System speed dial toll check
46	49	STN LOCK	Station locking
47	50	STNGRP 01	Station group 01 calling
48	51	STNGRP 02	Station group 02 calling
49	52	STNGRP 03	Station group 03 calling
50	53	STNGRP 04	Station group 04 calling
51	54	STNGRP 05	Station group 05 calling
52	55	STNGRP 06	Station group 06 calling
53	56	STNGRP 07	Station group 07 calling
54	57	STNGRP 08	Station group 08 calling
55	58	STNGRP 09	Station group 09 calling
56	59	STNGRP 10	Station group 10 calling
57	60	STNGRP 11	Station group 11 calling
58	61	STNGRP 12	Station group 12 calling
59	62	STNGRP 13	Station group 13 calling
60	63	STNGRP 14	Station group 14 calling
61	64	STNGRP 15	Station group 15 callling

MMC: 701

Table A. COS Feature List by Option Number

Basic	CID	LCD Display	COS Option
62	65	STNGRP 16	Station group 16 calling
63	66	STNGRP 17	Station group 17 calling
64	67	STNGRP 18	Station group 18 calling
65	68	STNGRP 19	Station group 19 calling
66	69	STNGRP 20	Station group 20 calling
67	70	STNGRP 21	Station group 21 calling
68	71	STNGRP 22	Station group 22 calling
69	72	STNGRP 23	Station group 23 calling
70	73	STNGRP 24	Station group 24 calling
71	74	STNGRP 25	Station group 25 calling
72	75	STNGRP 26	Station group 26 calling
73	76	STNGRP 27	Station group 27 calling
74	77	STNGRP 28	Station group 28 calling
75	78	STNGRP 29	Station group 29 calling
76	79	STNGRP 30	Station group 30 calling
77	80	SYS SPD	System speed dial
78	81	TRKGRP01	Trunk group 01 calling
79	82	TRKGRP02	Trunk group 02 calling
80	83	TRKGRP03	Trunk group 03 calling
81	84	TRKGRP04	Trunk group 04 calling
82	85	TRKGRP05	Trunk group 05 calling
83	86	TRKGRP06	Trunk group 06 calling
84	87	TRKGRP07	Trunk group 07 calling
85	88	TRKGRP08	Trunk group 08 calling
86	89	TRKGRP09	Trunk group 09 calling
87	90	TRKGRP10	Trunk group 10 calling
88	91	TRKGRP11	Trunk group 11 calling
89	92	UNCO CNF	CO to CO conference
90	93	VMS AREC	Auto Record
91	94	VMS AME	Answer Machine Emulator
92	95	VMSSTN01	CADENCE Port 01 calling
93	96	VMSSTN02	CADENCE Port 02 calling
94	97	VMSSTN03	CADENCE Port 03 calling
95	98	VMSSTN04	CADENCE Port 04 calling
96	99	VMSSTN05	CADENCE Port 05 calling
97	A0	VMSSTN06	CADENCE Port 06 calling
98	A1	VMSSTN07	CADENCE Port 07 calling
99	A2	VMSSTN08	CADENCE Port 08 calling

MMC: 701

DEFAULT DATA: ALL VALUES YES EXCEPT 32, 92 AND 93

RELATED ITEMS: MMC 700 COPY COS CONTENTS
MMC 702 TOLL DENY TABLE
MMC 703 TOLL ALLOWANCE TABLE
TOLL RESTRICTION
CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 722 STATION KEY PROGRAMMING

DESCRIPTION:

Allows the customizing of programmable keys on specific electronic keysets, AOM, or 64 button module on the DCS 50si system. For keysets, buttons 1 and 2 are set as CALL buttons by default. For AOMs and 64 button DSS boxes all buttons are set as DS keys by default. Features are entered via dial pad keys by pressing the dial pad number the required number of steps to select the feature. For example, for OHVA, the number 6 is pressed three times. If the BOSS key is required, press 2 for the first letter B and then use the UP or DOWN key to change the selection from BARGE to BOSS.

DIAL KEYPAD

COUNT→	1	2	3
DIAL 2	AAPLAY	BARGE	CALL
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION **DISPLAY**

1. Press TRSF 722
   Display shows

```
[201] KEY (KTS)
01:CALL1 →
```

2. Enter selected station number (e.g., 205)
   OR
   Press UP or DOWN key to select station
   Press RIGHT soft key to move cursor

```
[205] KEY (64B)
01:CALL1 →
```

MMC: 722

3. Enter selected key number (e.g., 18)
   OR
   Press UP or DOWN key to select key number
   Press RIGHT soft key to move cursor

```
[201] KEY (KTS)
18:NONE →_
```

4. Using the dial keypad chart, press dial pad key number to make a selection
   OR
   Press UP or DOWN key to make a selection
   Press RIGHT soft key to advance cursor to step 5 to enter extender if required or to return to step 2

```
[201] KEY (KTS)
18:NONE →GPIK_
```

5. If required, enter extender (e.g.,03)
   OR
   Press UP or DOWN key to make a selection
   Press RIGHT soft key to return to step 2

```
[201] KEY (KTS)
18:NONE →GPIK03
```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: SEE BELOW

RELATED ITEMS: MMC 107 KEY EXTENDER

Default 24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:SPD	21:LNR	22:PAGE	23:CBK	24:MSG

Default 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:SPD	09:LNR	10:PAGE	11:CBK	12:MSG

MMC: 722

Default Add-On Module

01:DS	02:DS	03:DS	04:DS
05:DS	06:DS	07:DS	08:DS
09:DS	10:DS	11:DS	12:DS
13:DS	14:DS	15:DS	16:DS
17:DS	18:DS	19:DS	20:DS
21:DS	22:DS	23:DS	24:DS
25:DS	26:DS	27:DS	28:DS
29:DS	30:DS	31:DS	32:DS

Default 64 Button DSS Box

01:DS	02:DS	03:DS	04:DS
05:DS	06:DS	07:DS	08:DS
09:DS	10:DS	11:DS	12:DS
13:DS	14:DS	15:DS	16:DS
17:DS	18:DS	19:DS	20:DS
21:DS	22:DS	23:DS	24:DS
25:DS	26:DS	27:DS	28:DS
29:DS	30:DS	31:DS	32:DS
33:DS	34:DS	35:DS	36:DS
37:DS	38:DS	39:DS	40:DS
41:DS	42:DS	43:DS	44:DS
45:DS	46:DS	47:DS	48:DS
49:DS	50:DS	51:DS	52:DS
53:DS	54:DS	55:DS	56:DS
57:DS	58:DS	59:DS	60:DS
61:DS	62:DS	63:DS	64:DS

Default 7 Button Keyset

01:CALL1	02:CALL2	03:NONE
04:NONE	05:NONE	06:NONE
	07:MSG	

Programmable Key Assignments

AAPLAY: AUTO ATTND MESSAGE PLAY*
AAREC: AUTO ATTND MSG RECORD*
ACCT: ACCOUNT
ALARM: ALARM RING ANSWER
AN/RLS: ANSWER/RELEASE
BARGE: BARGE-IN

MMC: 722

Programmable Key Assignments

BLOCK:	OHVA BLOCK
BOSS:	BOSS/SECRETARY
CALL:	CALL BUTTON
CAMP:	STATION CAMP-ON
CANMG:	MESSAGE CANCEL
CBK:	CALLBACK
CID:	CALLER ID*
CONF:	CONFERENCE
CR:	CALL RECORD KEY
CS:	CALL STATUS
CSNR:	CALLER ID SAVE NUMBER REDIAL*
DICT:	DICTATION
DIR:	DIRECTORY
DLOCK:	DOOR LOCK
DND:	DO NOT DISTURB
DP:	DIRECT PICKUP
DS:	DSS KEY
DT:	DTS KEY
FAUTO:	FORCED AUTO ANSWER
FLASH:	FLASH
FWRD:	CALL FORWARD
GPIK:	GROUP PICKUP
HDSET:	HEADSET MODE
HLDPK:	HOLD PICKUP
HOLD:	HOLD
IG:	IN/OUT OF GROUP
INQIRE:	INQUIRE (CID)*
ISPY:	CID SPY*
LCR:	LEAST COST ROUTING
LISTN:	GROUP LISTENING
LNR:	LAST NUMBER REDIAL
MMPA:	MEET ME PAGE ANSWER
MMPG:	MEET ME PAGE
MSG:	MESSAGE
MUTE:	MUTE
NEW:	NEW CALL
NIGHT:	NIGHT SERVICE
NND:	NAME NUMBER DATE (CID)
NXT:	NEXT (CID)
OHVA:	OFF-HOOK VOICE ANNOUNCE
OPER:	OPERATOR

MMC: 722

Programmable Key Assignments

PAGE:	PAGE
PAGPK:	PICKUP PAGE HOLD
PMSG:	PROGRAMMED STATION MESSAGE
REJECT:	OHVA REJECT
RETRY:	AUTO REDIAL ON BUSY
REVW:	REVIEW (CID)*
SETMG:	SET MESSAGE W/O RING
SG:	STATION GROUP
SNR:	SAVED NUMBER REDIAL
SP:	UCD SUPERVISOR
SPD:	SPEED DIAL
STORE:	STORE DISPLAYED NUMBER (CID)*
TG:	TRUNK GROUP
TIMER:	TIMER
UA:	UNIVERSAL ANSWER
VM:	VOICE MAIL MEMO*
VMADM:	VOICE MAIL ADMINISTRATION*
VMAME:	ANSWER MACHINE EMULATION*
VMMSG:	VOICE MAIL MESSAGE KEY*
VT:	VOICE MAIL TRANSFER*

NOTE: Items marked with an asterisk require optional hardware and/or software.

MMC: 723 SYSTEM KEY PROGRAMMING

DESCRIPTION:

This MMC is much like MMC 722 Station Key Programming. The main difference is that this MMC is system-wide rather than on a per-station basis. Features are entered via dial pad keys by pressing the dial pad number the required number of steps to select the feature. For example, for OHVA, the number 6 is pressed three times. If the BOSS key is required, first press 2 for the first letter B and then use the UP or DOWN key to make the selection from BARGE to BOSS.

NOTE: Please remember that this program is system-wide.

DIAL KEYPAD

COUNT→	1	2	3
DIAL 2	AAPLAY	BARGE	CALL
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	

TYPE OF SET

DIAL	0	24BTNS
DIAL	1	12BTNS
DIAL	2	32BTNS
DIAL	3	7BTNS

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

MMC: 723

ACTION	DISPLAY
1. Press TRSF 723 Display shows	SYS.KEY PROGRAM TYPE:24 BTN SETS
2. Enter the type of set via dial pad (e.g., 2) OR Press UP or DOWN key to make selection and press RIGHT soft key to move cursor	SYS.KEY PROGRAM TYPE:24 BTN SETS
3. Enter key number (e.g., 18) OR Press UP or DOWN key to make selection and press RIGHT soft key move cursor	SYS.KEY PROGRAM 18:DS →
4. Using the dial keypad chart, press the dial pad key number to make a selection OR Press UP or DOWN key to make a selection Press RIGHT soft key to advance cursor to step 5 to enter extender if required OR Press LEFT soft key to return to step 3	SYS.KEY PROGRAM 18:DS →GPIK
5. If required, enter extender (e.g.,03) OR Press UP or DOWN key to make a selection Press RIGHT soft key to return to step 2 Press LEFT soft key to return to step 3	SYS.KEY PROGRAM 18:DS →GPIK03
6. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: SEE BELOW

RELATED ITEMS: NONE

Default 24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:SPD	21:LNR	22:PAGE	23:CBK	24:MSG

MMC: 723

Default 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:SPD	09:LNR	10:PAGE	11:CBK	12:MSG

Default Add-On Module

01:DS	02:DS	03:DS	04:DS
05:DS	06:DS	07:DS	08:DS
09:DS	10:DS	11:DS	12:DS
13:DS	14:DS	15:DS	16:DS
17:DS	18:DS	19:DS	20:DS
21:DS	22:DS	23:DS	24:DS
25:DS	26:DS	27:DS	28:DS
29:DS	30:DS	31:DS	32:DS

Default 7 Button Keyset

01:CALL1	02:CALL2	03:NONE
04:NONE	05:NONE	06:NONE
	07:MSG	

Programmable Key Assignments

AAPLAY: AUTO ATTENDANT PLAY*
AAREC: AUTO ATTENDANT RECORD*
ACCT: ACCOUNT
ALARM: ALARM RING ANSWER
AN/RLS: ANSWER/RELEASE
BARGE: BARGE-IN
BLOCK: OHVA BLOCK
BOSS: BOSS/SECRETARY
CALL: CALL BUTTON
CAMP: STATION CAMP-ON
CANMG: MESSAGE CANCEL
CBK: CALLBACK
CID: CALLER ID*
CONF: CONFERENCE
CR: CALL RECORD KEY
CS: CALL STATUS
CSNR: CALLER ID SAVE NUMBER REDIAL*
DICT: DICTATION
DIR: DIRECTORY

MMC: 723

Programmable Key Assignments

DLOCK:	DOOR LOCK
DND:	DO NOT DISTURB
DP:	DIRECT PICKUP
DS:	DSS KEY
DT:	DTS KEY
FAUTO:	FORCED AUTO ANSWER
FLASH:	FLASH
FWRD:	CALL FORWARD
GPIK:	GROUP PICKUP
HDSET:	HEADSET MODE
HLDPK:	HOLD PICKUP
HOLD:	HOLD
IG:	IN/OUT OF GROUP
INQUIRE:	INQUIRE (CID)*
ISPY:	CID SPY*
LCR:	LEAST COST ROUTING
LISTN:	GROUP LISTENING
LNR:	LAST NUMBER REDIAL
MMPA:	MEET ME PAGE ANSWER
MMPG:	MEET ME PAGE
MSG:	MESSAGE
MUTE:	MUTE
NEW:	NEW CALL
NIGHT:	NIGHT SERVICE
NND:	NAME NUMBER DATE (CID)*
NXT:	NEXT (CID)*
OHVA:	OFF-HOOK VOICE ANNOUNCE
OPER:	OPERATOR
PAGE:	PAGE
PAGPK:	PICKUP PAGE HOLD
PMSG:	PROGRAMMED STATION MESSAGE
REJECT:	OHVA REJECT
RETRY:	AUTO REDIAL ON BUSY
REVW:	REVIEW (CID)*
SG:	STATION GROUP
SETMG:	SET MESSAGE W/O RING
SNR:	SAVED NUMBER REDIAL
SP:	UCD SUPERVISOR
SPD:	SPEED DIAL
STORE	STORE DISPLAYED NUMBER (CID)*
TG:	TRUNK GROUP
TIMER:	TIMER
UA:	UNIVERSAL ANSWER

MMC: 723

Programmable Key Assignments

VM:	VOICE MAIL MEMO*
VMADM:	VOICE MAIL ADMINISTRATION*
VMAME:	ANSWER MACHINE EMULATION*
VMMSG:	VOICE MAIL MESSAGE KEY*
VT:	VOICE MAIL TRANSFER*

NOTE: Items marked with an asterisk require optional hardware and/or software.

MMC: 724 DIAL NUMBERING PLAN

DESCRIPTION:

Provides the access codes and dialing plan needed for the operation of features and programs. The system comes with a wide range of acceptable numbering plans set as default and the option to customize the dialing plan. There is also an error message provided because of the chance of duplicating an access/feature code. Dialing codes are entered via the dial pad key by pressing the dial pad number the required steps to select the feature. For example, for OHVA, the number 6 would be pressed three times. NOTE: Please remember that this program is system-wide.

DIAL KEYPAD

COUNT→	1	2	3
DIAL 2	ACCT	BGM	CAMP
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	
DIAL 9	WCOS	WCOS	WCOS

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION	DISPLAY
1. Press TRSF 724 Display shows	DIAL NUMBER PLAN ACCT :47 →
2. Using the chart, press dial pad key number to make selection OR Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor	DIAL NUMBER PLAN DICT :NONE →_
3. Enter digits (e.g., 68) via the dial keypad	DIAL NUMBER PLAN DICT :NONE →68

MMC: 724

4. Press LEFT soft key to enter change and continue to make changes
   OR
   Press RIGHT soft key to enter and return to step 2; if a error message appears indicating

   duplication of access code, enter 1 for YES for change or enter 0 for NO for no change

```
SAME DIAL EXIST
CHANGE? Y:1,N:0
```

```
SAME DIAL EXIST
CHANGE? Y:1,N:0
```

5. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: SEE BELOW

RELATED ITEMS: ALL PROGRAMS AND FEATURES

ABAND	**NONE**	**MMPA**	**56**
ACCT	**47**	**MMPG**	**54**
ALM	**NONE**	**MODEM**	**359**
ALMCLR	**57**	**MSG**	**43**
AUTH	*****	**NEW**	**NONE**
BARGE	**NONE**	**NIGHT**	**NONE**
BGM	**3701–3702**	**OHVA**	**NONE**
BLOCK	**NONE**	**OPER**	**0**
BOSS	**NONE**	**PAGE**	**55**
CAMP	**45**	**PAGPK**	**10**
CANMG	**42**	**PMSG**	**48**
CBK	**44**	**REJECT**	**NONE**
CONF	**46**	**RETRY**	**NONE**
CB	**3603–3605**	**ROP**	**3601–3605**
DICT	**NONE**	**SETMG**	**41**
DIR	**NONE**	**SGP**	**500–529**
DIRPK	**65**	**SNR**	**17**
DISALM	**58**	**SPEED**	**16**
DLOCK	**13**	**STN**	**201–299, 301–349**
DND	**40**	**TGP**	**9, 80–89**
FAUTO	**14**	**TRK**	**701–799**
FLASH	**49**	**UA**	**67**
FWD	**60**	**VMSCMT**	**NONE**
GRPK	**66**	**VMSMSG**	**NONE**
HLDPK	**12**	**VMSOUT**	**NONE**
IG	**53**	**VMSREC**	**NONE**
LCR	**NONE**	**VMSVAC**	**NONE**
LISTN	**NONE**	**WCOS**	**59**
LNR	**19**		

NOTE: Items marked with an asterisk require optional hardware and/or software.

MMC: 727 SYSTEM VERSION DISPLAY

DESCRIPTION:

Used only for system version display. This is a READ ONLY MMC.

PROGRAM KEY

SPK	Used to advance to next MMC

ACTION	DISPLAY
1. Press TRSF 727 Display shows software verson on SMEM card Press UP or DOWN key to select other system versions	ROM VERSION '99.04.20. V1.1
Basic 8 DLI ports on KSU motherboard	B.DLI VER:B.8DLI NO VERSION DATA
Optional 2SLI card	O.SLI VER:O.2SLI NO VERSION DATA
SMISC card. The software version is the version of the AA software on the SMISC2	MISC. VER:MISC '98.10.29 V1.0
KSU Expansion slot 1.	SLOT1 VER:3TRK NO VERSION DATA
KSU Expansion slot 2.	SLOT2 VER:8DLI NO VERSION DATA
KSU Expansion slot 3. This slot has a 4BRI card installed	SLOT3 VER:4BRI '99.04.13 V1.1
CADENCE / SVMi-4	SLOT7 VER:VM '98.10.02 V1.0

DEFAULT DATA: NONE

RELATED ITEMS: NONE

MMC: 740 VM CARD RESTART

DESCRIPTION:

This MMC is only used for the Samsung Plug In Voice Mail Card.

There are two options available in this MMC:

DOWNLOAD

When the CADENCE / SVMi-4 card starts, part of the power up procedure will download data from the 50si to determine time, date, what mailboxes to create, and system numbering plan. This must be done at least once, but once done this download feature can be turned off to save boot up time.

CARD RESTART

If this option is set to YES the CADENCE / SVMi-4 card will immediately restart according to the download OPTION SPECIFIED ABOVE.

PROGRAM KEYS

UP & DOWN	Changes MMC data between YES and NO
KEYPAD	0 and 1 will change data and advance to other option
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY
1. Press TRSF 740 Display shows	`VM CARD RESTART` `DOWNLOAD ? YES`
2. Dial 0 for NO to set option and advance	
3. Display shows	`VM CARD RESTART` `CARD RESTART? NO`
4. Dial 0 for NO to set option and advance	
5. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

MMC: 740

DEFAULT DATA: **CARD RESTART: NO**
DOWNLOAD: YES

RELATED ITEMS: **NONE**

MMC: 741 ASSIGN MAILBOX

DESCRIPTION:

This MMC is only used for Samsung Plug In Voice Mail card. It assigns each station or group as having a mailbox in a specific CADENCE / SVMi-4 group. When stations or groups are assigned to a CADENCE / SVMi-4 group, during Voice Mail card power up mailboxes will be created for each directory number with a “YES” entry. (if MMC 740 is set to DOWNLOAD = YES)

Once the Voice Mail database has been created new boxes can be added:

a) Through Voice Mail administration,
b) By adding a new mailbox in this MMC.

A mailbox can be removed using this MMC only if it was created by this MMC.
A mailbox cannot be removed using this MMC if it was created by CADENCE administration.

If a station that do not have an associated voice mail box, call the Voice Mail system they will be answered by the Voice Mail system main greeting.

NOTE: The groups that are supported are 500 to 529 (529 being the Voice Mail group). Mailboxes that are needed for people that do not have an extension must be added through Voice Mail programming.

PROGRAM KEY

UP & DOWN	Selects station number
KEYPAD	Selects station number
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY
1. Press TRSF 741 Display shows	`[741] ASSIGN MBX` `201 : YES`
2. Dial station number OR Press UP or DOWN to scroll the number	`[741] ASSIGN MBX` `[225] : YES`

MMC: 741

3. Press RIGHT soft key to move cursor

```
[741] ASSIGN MBX
[225] : YES
```

4. Enter YES or NO

```
[741] ASSIGN MBX
[225] : NO
```

5. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: ALL STATIONS = YES

RELATED ITEMS: CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 745 VM DESTINATION

DESCRIPTION:

This MMC is only used for the Samsung Plug In Voice Mail card.

This MMC provides an emergency destination for trunk/station calls to group 529. If the Voice Mail card is removed or is offline.

In addition any calls to a station forwarded to the Voice Mail card will not forward, they will remain ringing at the “fwd from” station until answered.

The destination can be a station number or a group number. This destination is also used for the HDD alarm destination (MMC 747).

PROGRAM KEY

UP & DOWN	Selects destination station number
KEYPAD	Selects destination station number
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION **DISPLAY**

1. Press TRSF 745
   Display shows

```
VM DESTINATION
DEST:500
```

2. Dial station number
   OR
   Press UP or DOWN to scroll to number

```
VM DESTINATION
DEST:213
```

3. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: VOICE MAIL DESTINATION = 500

RELATED ITEMS: MMC 747 DRIVE ALARM
CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 746 VM HALT

DESCRIPTION:

This MMC is only used for the Samsung Plug In Voice Mail card.

This MMC is used to halt the Voice Mail card (take it offline). No calls will be disconnected, however no new IN/OUT bound calls are established. It ensures that there is no traffic on the Voice Mail card when it is removed from the system.

NOTE: THIS OPERATION SHOULD BE PERFORMED BEFORE REMOVING THE VOICE MAIL CARD FROM THE DCS 50si SYSTEM. YOU CAN NOT HALT THE VOICE MAIL CARD USING MMC 810.

PROGRAM KEY

UP & DOWN	1 = processing, 0 = halt
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION	DISPLAY
1. Press TRSF 746 Display shows	`[746]VM HALT` `STATUS:PROC`
2. Enter 1 to halt OR 0 to process to scroll to number	`[746]VM HALT` `STATUS:HALT`
3. Display shows: Press # to confirm	`[746]VM HALT` `ARE YOU SURE?:_`
4. Display shows:	`[746]VM HALT` `STATUS:HALTED`
5. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: NONE

RELATED ITEMS: CADENCE CVM8A CARD / SVMi-4 – LED INDICATIONS

MMC: 747 VM DRIVE ALARM

DESCRIPTION:

The MMC will generate an alarm message at the destination assigned in MMC 745 whenever the Voice Mail disk drive reaches a predefined threshold.

The threshold is measured in % full. This means that if the MMC is set for 80, the alarm will be generated when the disk exceeds 80% of the available drive space.

PROGRAM KEY

KEYPAD	Used to enter new threshold value
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION	DISPLAY
1. Press TRSF 747 Display shows	`[747]VM ALARM` `THRESHOLD:80`
2. Enter new threshold level	`[747]VM ALARM` `THRESHOLD:75`
3. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: 80%

RELATED ITEMS: MMC 745 VM DESTINATION
CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 748 ASSIGN VMMOH

DESCRIPTION:

This MMC is used to assign each a Music on Hold source for the 50si from a sound file located on the CADENCE hard disk drive or SVMi-4 flash module. The 100 available sound files are defined as numbers 5000 to 5099, but are referred to in this MMC as 00-99.

Make sure you record the sound file first. The next step is to assign the sound file to a voice mail port. For example, if you record sound file 5025 you would associate 25 with a specific CADENCE or SVMi-4 port, e.g. 225. This will dedicate the port for use only as MOH and remove it from group 529. Now 225 will show up as a valid music source in MMC 308, 309 and 408.

Each Music on Hold source assigned here requires one **DEDICATED** CADENCE / SVMi-4 port/channel.

Note: If the first CADENCE / SVMi-4 port is used for VMMOH, it must be disabled before boot up since CADENCE / SVMi-4 and the 50si use port 1 during boot up to exchange critical information. For this reason we suggest you use the last port(s) as VMMOH ports.

PROGRAM KEY

KEYPAD	Used to enter voice mail port or sound file number
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry
UP and DOWN	Used to select voice mail port or sound file number

ACTION	DISPLAY
1. Press TRSF 748 Display shows	`SET VMMOH` `[225] NOT USED`
2. Press UP or DOWN to select CADENCE port	`SET VMMOH` `[228] NOT USED`
3. Move cursor to next field. Press UP or DOWN to select sound file	`SET VMMOH` `[228] 25`
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

MMC: 748

DEFAULT DATA: ALL CADENCE PORTS NOT USED FOR SOUND FILE

RELATED ITEMS: MMC 308 ASSIGN BACKGROUND MUSIC SOURCE
MMC 309 ASSIGN STATION MUSIC ON HOLD
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
CADENCE CVM8A CARD
SVMi-4 CARD

MMC: 749 VM PORT IN/OUT

DESCRIPTION:

This MMC is used to assign each Voice Mail Port as used for incoming, outgoing or both way calls. Note that this MMC must be sent to support outgoing calls if off premises notification (beeper, outbound follow me of outbound notification) is used.

PROGRAM KEY

KEYPAD	Used to enter new value
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION	DISPLAY
1. Press TRSF 749 Display shows	`VM IN / OUT` `[225] IN`
2. Press UP or DOWN to view options	`VM IN / OUT` `[225] OUT`
3. Press UP or DOWN to select option	`VM IN / OUT` `[225] OUT`
4. Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: ALL PORTS IN / OUT

RELATED ITEMS: CADENCE CVM8A CARD
SVMi-4 CARD